T06-0095

STATE OF ILLINOIS ILLINOIS COMMERCE COMMISSION STIPULATED AGREEMENT NO. 1124

This Agreement made and entered into, by and between the State of Illinois acting by and through the Illinois Commerce Commission ("Commission"), the Union Pacific Railroad Company("Company"), the Township of Nokomis Road District ("Township"), and the State of Illinois, Department of Transportation ("Department" or "IDOT").

WITNESSETH:

WHEREAS, it has come to the attention of the Commission through informal correspondence that inquiry should be made into the matter of improving public safety at the North 20th Street and North 23rd Street highway-rail grade crossings of the Company's track near the City of Nokomis, in Montgomery County, Illinois, designated as crossings AAR/DOT 542 149K, milepost 219.20-STL and AAR/DOT 542 143U, milepost 216.93-STL, respectively; and

WHEREAS, proper investigation has been made of the circumstances surrounding the subject crossings by a representative of the Commission's Transportation Bureau, Railroad Section; and

WHEREAS, the physical aspects, including geometrics of the intersection, train movements, vehicular traffic volume, and other pertinent data relating to the crossing have been obtained and shown on Exhibits A and A-1, attached to this Agreement; and

WHEREAS, the parties are mutually agreeable to accomplish proposed improvements to the crossing upon determination of the Commission by Order.

NOW, THEREFORE in consideration of the premises and of the mutual covenants and agreements as hereinafter contained the parties pray that the Commission enter an Order according to the provisions of Section 18c-7401 of the Illinois Commercial Transportation Law, 625 ILCS 5/18(c)-7401, requiring that certain improvements as hereinafter stated be made and that the cost for the proposed improvements be divided among the parties according to law and that in the interest of the traveling public the Grade Crossing Protection Fund ("GCPF") of the Motor Fuel Tax Law ("MFT") be required to bear a substantial portion of the cost; To Wit the parties agree as follows:

<u>Section 1</u> All improvements encompassed by this Agreement shall be made in accordance with all applicable State laws, rules, standards, regulations and Orders and procedures in general.

<u>Section 2</u> The parties are of the opinion that the following improvements in the interest of public safety at the aforesaid crossing should be:

(a) Installation of automatic flashing light signals and gates controlled by constant warning time circuitry, a new signal control cabinet, and equipped with an event recorder system at the North 20th Street crossing, by the Company.

- (b) Installation of automatic flashing light signals and gates controlled by constant warning time circuitry, a new signal control cabinet, and equipped with an event recorder system at the North 23rd Street crossing, by the Company.
- (c) Installation of temporary STOP signs at the North 20th Street and North 23rd Street crossings within 30 days of a Commission Order for the installation of new automatic warning devices, by the Company.
- (d) Installation of advance warning signs between the crossing and III. Rte. 16 at the N. 20th Street and N. 23rd Street crossings within 30 days of a Commission Order, by the City.

<u>Section 3</u> The Company has prepared detailed drawings, circuit plans, required specifications and preliminary cost estimates to accomplish the proposed safety improvements, which may be required by Commission Order. The drawings, circuit plans, specifications, and cost estimate(s) are attached and incorporated herein by reference as Exhibits B and B-1.

<u>Section 4</u> The Company shall upon Order, according to the requirements contained therein, proceed toward the completion of the proposed warning device improvements, accomplishing the work with its own forces or appropriate contracted services and agrees that an appropriate time for the completion of the proposed improvements should be twelve (12) months from the date of a Commission Order approving this Agreement.

<u>Section 5</u> The parties agree that an equitable division of cost for the proposed improvements is as follows:

- COST DIVISION TABLE -

IMPROVEMENT	EST. COST	GCPF	NOKOMIS TOWNSHIP	COMPANY	IDOT
Install Automatic					
Flashing Light Signals					
and Gates, controlled					
by CWT Circuitry at		90%		10%	
North 20 th Street	\$273,384	\$246,046 ¹	\$0	Remainder ²	\$0
Install Automatic					
Flashing Light Signals					
and Gates, controlled					
by CWT Circuitry at		90%		10%	
North 23 rd Street.	\$415,917	\$374,325 ¹	0%	Remainder ²	\$0
Install advance warning					
signs on highway	No				
approaches at both	Estimate				
crossings	Required	\$0	100%⁴	\$0	\$0
Install temporary STOP	No Estimate				
Signs, if ordered	Required	\$0	\$0	100% ³	. \$0
TOTALS	\$689,301	\$620,371	\$0	\$68,930	\$0

Notes:

Total Grade Crossing Protection Fund (GCPF) assistance not to exceed \$620,371; any installation costs above the estimated amount of \$689,301 will be divided between the GCPF and the Company in the same percentages noted above, upon submittal and review of evidence to support the additional cost and subject to approval by the Commission; ² Company responsible for all future operating and maintenance costs associated with the new automatic warning devices. ³ Company responsible for all future maintenance costs associated with the temporary STOP Signs, if ordered. ⁴ Township responsible for all installation and future maintenance costs associated with the advance warning signs.

<u>Section 6</u> The Township is not required to pay any portion of the cost for the proposed warning device improvements.

<u>Section 7</u> Special Provisions: The Company will contact Amy McNeal, Montgomery County Engineer, at (217) 532-6109 at least two weeks prior to the commencement of installation of the warning devices in order for the County to prepare (posting of signs or road detours) for the installations, if necessary.

Since the warning device improvements at the subject crossings will be performed by railroad crews, no flagging or contractor liability insurance will be required for said work.

The Company shall complete and submit the Project Manager Information portion of the Project Status Report sheet, attached as Exhibit C, along with this executed Agreement.

The Company shall, at six (6) month intervals from the date of the Commission Order approving this Agreement, submit to the Director of Processing and Information, Transportation Bureau of the Commission, a Project Status Report, attached as Exhibit C, regarding the progress it has made toward completion of the work required by this Agreement. Each Project Status Report shall include the Commission Order's docket number, the Order date, the project completion date as noted in the Order, crossing information (inventory number and railroad milepost), type of improvement, and the name,

title, mailing address, phone number, facsimile number, and electronic mailing address of the Company Project Manager.

All bills for work specified in Section 2 of this Agreement authorized for reimbursement from the Grade Crossing Protection Fund shall be submitted to the Fiscal Control Unit, Bureau of Local Roads and Streets, Illinois Department of Transportation, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The Department shall send a copy of all invoices to the Director of Processing and Information, Transportation Bureau of the Commission. All bills shall be submitted no later than twelve (12) months from the completion date specified in the Commission Order approving this Agreement. The final bill for expenditures from each party shall be clearly marked "Final Bill". The Department shall not obligate any assistance from the Grade Crossing Protection Fund for the cost of proposed improvements described in this Agreement without prior approval by the Commission. The Commission shall, at the end of the 12th month from the completion date specified in the Commission Order approving this Agreement or any Supplemental Order(s) issued for this project, notify the Department to de-obligate all residual funds accountable for this project. Notification may be by regular mail, electronic mail, fax, or phone.

<u>SECTION 8</u> Billing: For all work specified in Section 2 of this Agreement, and authorized by an Order of the Commission, the Company shall provide sufficient documentation for all bills. The minimum documentation requirements are:

- a) <u>Labor Charges (including additives)</u> Copies of employee work hours charged to the railroad account code for the project.
- b) <u>Equipment Rental</u> Copies of rental agreements for the equipment used, including the rental rate; number of hours the equipment was used and the railroad account code for the project.
- c) <u>Material</u> An itemized list of all materials purchased and installed at the crossing location. If materials purchased are installed at multiple crossing locations, a notation must be made to identify the crossing location.
- d) <u>Engineering</u> Copies of employee work hours charged to the railroad account code for the project.
- e) <u>Supervision</u> Copies of employee work hours charged to the railroad account code for the project.
- f) <u>Incidental Charges</u> An itemized list of all incidental charges along with a written explanation of those charges.
- g) <u>Service Dates</u> Invoice shall include the beginning and ending date of the work accomplished for the invoice.
- h) <u>Final or Progressive</u> Each invoice shall be marked as a Progressive or a Final Invoice.

- i) Reference Numbers Each invoice shall include the AAR/DOT number, the ICC Order number and the state job number when federal funds are involved.
- j) <u>Locations</u> Each invoice shall show the location, with the street name and AAR/DOT crossing inventory number.

Section 9 This Agreement shall be binding upon the parties hereto, their successors or assigns. Upon execution of this Agreement by all parties, the Commission shall enter an appropriate Order, within 60 days accepting or rejecting such stipulation according to the provisions contained herein.

In Witness Whereof, the parties have caused this Agreement to be executed by their duly authorized officers, as of the dates indicated on their respective Execution Pages, attached hereto.

Executed by the Commission this 30th day of November 2005.

Michael E. Stead

Rail Safety Program Administrator

Attest:

Robert S. Berry

Rail Safety Specialist

Illinois Commerce Commission Stipulated Agreement No. 1124 concerning improvements at the N. 20th Street and N. 23rd Street grade crossings of the Union Pacific Railroad Company track near the City of Nokomis, Montgomery County, Illinois, designated as crossing AAR/DOT 542 149K, milepost 219.20-CC and AAR/DOT 542 143U, milepost 216.93-CC.

day of <u>December</u>, 2005

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

Timothy W. Martin, Secretary, Illinois Department of Transportation

Illinois Commerce Commission Stipulated Agreement No. 1124 concerning improvements at the N. 20th Street and N. 23rd Street grade crossings of the Union Pacific Railroad Company track near the City of Nokomis, Montgomery County, Illinois, designated as crossing AAR/DOT 542 149K, milepost 219.20-CC and AAR/DOT 542 143U, milepost 216.93-CC.

Executed by the Township th	is 30 day of DECEMBEA (2005/2006.
Nokomis Ro	
	TOWNSHIP OF NOKOMIS ROAD DISTRICT
	By: Male Feiser Highway Commissioner

Attest:

DECERVED!

Illinois Commerce Commissio: PAIL SAFETY SECTION Illinois Commerce Commission Stipulated Agreement No. 1124 concerning improvements at the N. 20th Street and N. 23rd Street grade crossings of the Union Pacific Railroad Company track near the City of Nokomis, Montgornery County, Illinois, designated as crossing AAR/DOT 542 149K, milepost 219.20-CC and AAR/DOT 542 143U, milepost 216.93-CC.

Executed by the Company this 25 day of October 2005/2006.

UNION PACIFIC RAILROAD COMPANY

AVP ENGINEERING

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Attest:

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ILLINOIS COMMERCE COMMISSION STIPULATED AGREEMENT CROSSING DATA FORM

GENERAL INFORMATION: See Location Sketch

RAILROAD	Union Pacific Railroad Company		
USDOT#, MILEPOST	542 149K, milepost 219.20-STL		
STREET, CITY, COUNTY	North 20 th Street, near Nokomis, Montgomery County		
JURISDICTION (RDWY)	Nokomis Township		
LOCATION	Rural/Residential		
STREET SURFACE	Oil and Chip, 14 feet, Good		

CROSSING DATA: See Location Sketch for roadway profile and track centers

TRACK (W-E or N-S)	SURFACE TYPE	SURFACE WIDTH	SURFACE CONDITION
Main, NE/SW	Concrete	20 feet	Good

ROADWAY DATA: See Location Sketch

Illinois Route 16 is 86' east of the crossing			
None			
175 Vehicles Per Day @ 55 MPH *(10 %Trucks)			
Passenger, School Busses, Hazardous Materials			
West only			
No			

^{*} Due to the close proximity of the Illinois Route 16/N. 20th Street intersection, staff estimated that the maximum speed of vehicular traffic will not exceed 20 mph.

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	8-12 Per day @ 60 MPH, Day & Night
PASSENGER TRAFFIC	None
WARNING DEVICES	Crossbuck Signs

NOTES: This crossing meets the Commission's minimum requirements for the installation of automatic flashing light signals and gates in that the product of the average daily train and vehicular traffic exceeds 1,000 and there are obstructions to a motorists view when corn is planted in the northwest and southwest crossing quadrants.

VISIBILITY STUDY: See Location Sketch

Train Speed	60 MPH
Roadway Speed	20 MPH
Required Stopping Sight Distance (SSD)	
Along Roadway	137 FEET
Along Tracks	636 FEET
Required Clearing Sight Distance (CSD)	1,441 FEET
(Along Tracks)	

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*	N/A	*	N/A
NW	*	N/A	250	Agricultural products
SE	*	N/A	*	N/A
sw	*	N/A	250	Agricultural products

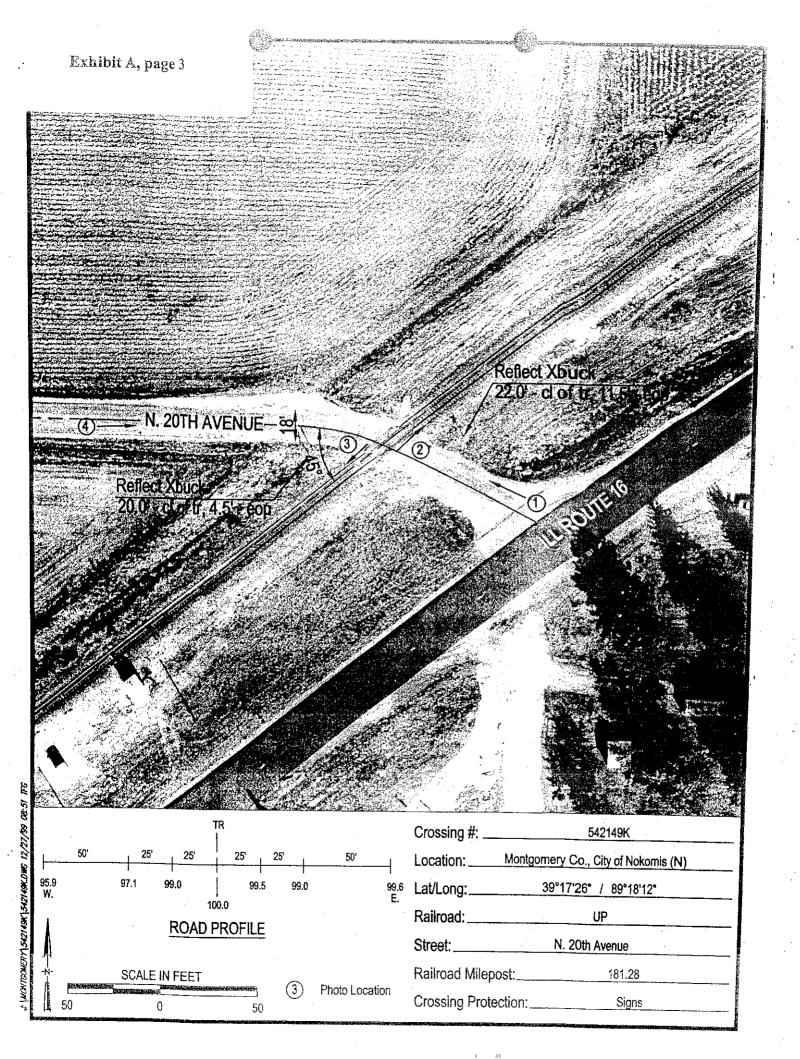
*Note: The installation of automatic flashing light signals and gates (AFLS&G) eliminates the need to satisfy minimum Site Distance criteria.

APPROACH GRADES: See Location Sketch

DIRECTION: WEST			DI	RECTION: EAST	•
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
25	1.0	4%	25	0.5	2%
50	1.9	7.6%	50	0.5	2%

Distance measured from outermost rail.

COMMENTS: COMMENTS: The grade of the north highway approach to the crossing does not meet the requirements of 92 III. Adm. Code 1535. Due to the close proximity of the crossing to the Illinois Route 16 intersection with North 20th Street, it will not be possible to bring the east approach into compliance with Commission regulations. A proposed roadway improvement is still being designed and is not a part of this Stipulated Agreement, but will be scheduled by the County at a future date.



STIPULATED AGREEMENT CROSSING DATA FORM

GENERAL INFORMATION: See Location Sketch

RAILROAD	Union Pacific Railroad Company		
USDOT#, MILEPOST	542 143U, milepost 216.93-STL		
STREET, CITY, COUNTY	North 23 rd Street, near Nokomis, Morntgomery County		
JURISDICTION (RDWY)	Nokomis Township		
LOCATION	Rural/Residential		
STREET SURFACE	Oil and Chip, 17 feet, Good		

CROSSING DATA: See Location Sketch for roadway profile and track centers

		SURFACE CONDITION
Concrete	20 feet	Good
	Concrete	Concrete 20 feet

ROADWAY DATA: See Location Sketch

INTERSECTING ROADS:	Illinois Route 16 is 88' south of the crossing; Cottonwood Drive is	
	65'north of the crossing	
TRAFFIC CONTROL	None	
ADT & SPEED	500 Vehicles Per Day @ 55 MPH (10 %Trucks)*	
TRAFFIC TYPE	Passenger, School Busses, Hazardous Materials	
ADVANCE WARNING	No No	
PAVEMENT MARKING	No	

^{*} Due to the close proximity of the Illinois Route 16 /North 23rd Street intersection to the crossing, staff estimated that the maximum speed of vehicular traffic will not exceed 20 mph.

RAILROAD DATA: See Location Sketch

FREIGHT TRAFFIC	8-12 Per day @ 60 MPH, Day & Night
PASSENGER TRAFFIC	None
WARNING DEVICES	Crossbuck Signs

NOTES: This crossing meets the Commission's minimum requirements for the installation of automatic flashing light signals and gates in that the product of the average daily train and vehicular traffic exceeds 3,000.

VISIBILITY STUDY: See Location Sketch

Train Speed	N/A	MPH	
Roadway Speed	N/A	MPH	
Required Stopping Sight Distance (SSD)	N/A		
Along Roadway	N/A	FEET	
Along Tracks	N/A	FEET	_
Required Clearing Sight Distance (CSD)	N/A	FEET	
(Along Tracks)			

Distances calculated per American Association of State Highway and Transportation Officials (AASHTO), A Policy on Geometric Design of Highways and Streets, 2001, Fourth Edition.

QUADRANT	CSD (FT)	OBSTRUCTION	SSD (FT)	OBSTRUCTION
NE	*	N/A	*	N/A
NW	*	N/A	*	N/A
SE	*	N/A	*	N/A
SW	*	N/A	*	N/A

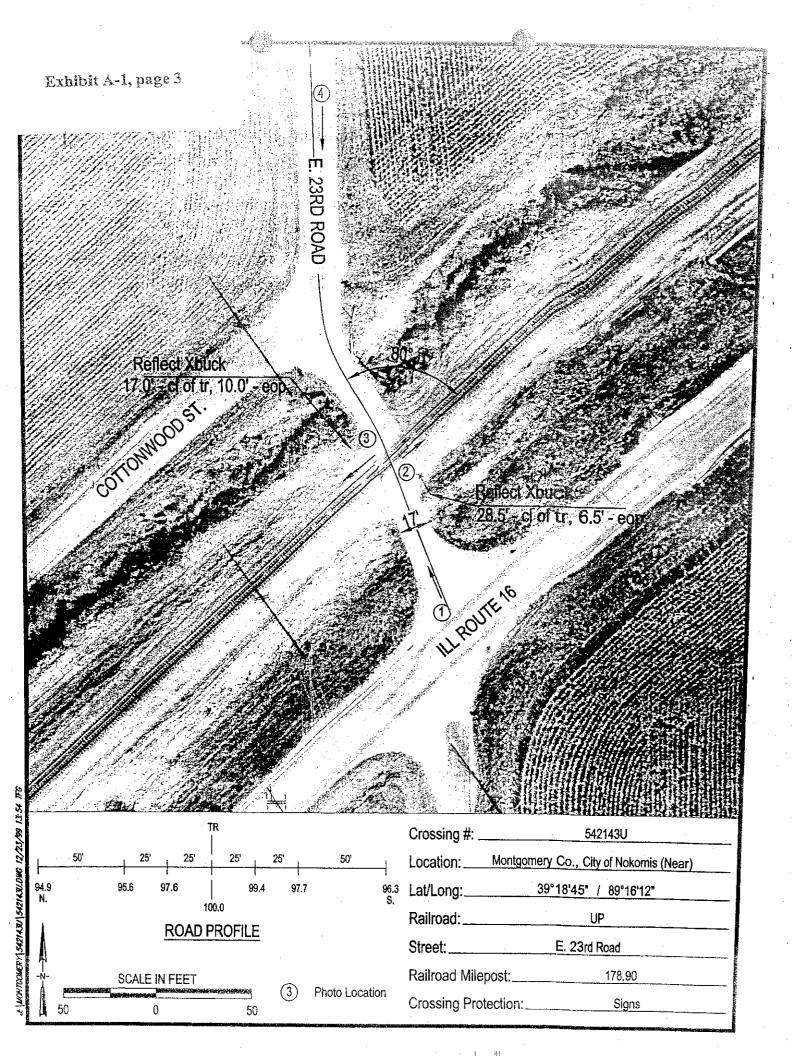
*Note: The installation of automatic flashing light signals and gates (AFLS&G) eliminates the need to satisfy minimum Site Distance criteria.

APPROACH GRADES: See Location Sketch

DIF	RECTION: NORT	Н	DIR	ECTION: SOUT	Н
DISTANCE (FT)	ELEVATION (FT)	GRADE (%)	DISTANCE (FT)	ELEVATION (FT)	GRADE (%)
25	2.4	9.6%	25	0.6	2.4%
50	4.0	8%	50	1.7	6.8%

Distance measured from outermost rail.

COMMENTS: The grade of the north highway approach to the crossing does not meet the requirements of 92 III. Adm. Code 1535. Rail Safety Section staff attended a meeting at the crossing with the Montgomery County Engineer and a representative of the Department to discuss the County's future plans to reconstruct the roadway, including the highway approaches to the crossing. Due to the close proximity of the crossing to the Illinois Route 16 intersection with N. 23rd Street, it will not be possible to bring the south approach into compliance with the requirements of 92 III. Adm. Code 1535. A proposed roadway improvement is still being designed and is not a part of this Stipulated Agreement, but will be scheduled by the County at a future date.





ESTIMATE OF MATERIAL AND FORCE ACCOUNT WORK BY THE UNION PACIFIC RAILROAD

DESCRIPTION OF WORK:

INSTALL REMOTE (MP 219.69), DED FL SIGNALS W/GATES AND CWT IN NEW CABIN AT WORTH 20TH STREET IN NOKOMIS, IL. H.P. 219.20 ON THE PANA SUB. SIGNAL PROJECT MANAGER: BOB THOMPSON 245-2567
RAILROAD TO PERFORM ALL WORK / COST DISTRIBUTED AS FOLLOWS: SIGNAL - STATE OF ILLINOIS 90% - UPRR 10%

PID: 49525 SBRVICE UNIT: 04					OIV: 219 ATE: IL	.20, PANA	
DESCRIPTION	ÓTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
220,000,000					.,	**	
ENGINEERING WORK							
RNGINEERING			2683		2414	269	2683
LABOR ADDITIVE 177.68%			12256		11030	1226	12256
SIG-HWY XNG			4215		3793	422	4215
TOTAL ENGINEERING		•	19154		17237		19154
tothe midinostino					-,		
SIGNAL WORK							
SIGNAL					84394		
1							
TOTAL SIGNAL				93771	84394	9377	93771
TRACK & SURFACE WORK							
BILL PREP			900		81.6	90	960
CONTRACT			704		8540		
BARTH FILL/ROCK					1800		
LABOR ADDITIVE 177.68%			52817		47535		
PERSONAL EXPENSES					22612		
SALES TAX					5274		
SIG-HWY XNG			29726		26753	2973	29726
TRANSPORTATION CHARGES				4689	26753 4220	469	4689
WZ TRAFFIC CONTROL				5000	4500	500	5000
CONTINGENCIES				_24853			
					**		*****
TOTAL TRACK & SURPACE	;		83443	77016	144412	16047	160459
LABOR/MATERIAL EXPENS	:17		102591	170797			
RECOLLECTIBLE/UPRR E)			27807	*******	246043		
ESTIMATED PROJECT COS						21014	273384
EXISTING REUSEABLE M)IT		0		2,0001
SALVAGE NONUSKABLE M					Õ		

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO FLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRR WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

RECOLLECTIBLE LESS CREDITS

FORM 30-1 NORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

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PROJ NO: 49525 A.W.O. NO: 46878 W.Q. 10: B.1. NO: 04EN10 STATE: IL VAL SEC: 1121W

RAILROAD: UPRR CO. LOCATION: NOKOHIS, IL, NORTH 20TH ST, PANA SUB. DEPARTMENT: ENGINEER ING SERVICES

núwbrk Item	DESCRIPTION	unit Cost	QIY	U _M	direct Mail \$
02040420	BATTERY.GNB, 75A9 OR 50A13	169.81	12	EA	2038
02040660	BATTERY GNE , 75A23 OR 50A27	301.19	7	RA	2108
09010870	CABLE SPLICING KIT, N-3	46.16	1	BA	16
09011030	CABLE TIE, NYLON -5/8" MAX. DIA.	0.04	100	RA	4
09011240	CABLE TIE. MYLON 1 1/8* MAX. DIA	0.02	300		6
09011980	CABLE TIE, MYLON 3 1/2" MAX. DIA	0.13	20	AA	3
09014950	CIRCUIT BRKR, 120/240V 20A 2 FOLK	14.67		KA.	15
09015690	CIRCUIT BREAKER, 120/240V 30A AC	5.99	2	KA	12
09042860	POWER OFF LIGHT ASSY.	29,21	1	ŘÂ	29
09054360	RELAY, GEN. PURPOSE 120V. TAB 856	5.87	3	ΕA	18
09057650	SOCKET, P-B 27E122 TAB 836A & 856	1.96	3	KA	5
09065700	TAPE, RECTRICAL PLASTIC	2.73	4	RL.	11
09066900	TERMINAL, SPADE, 10-12 WIRE, #8 STUD	6.12		RA	3
09137100	TERM.LUG 3/16 CABLE-1/4 POST 2412	0.49	60	KA	29
09215100	33466 TERMINAL, RING TONGUE AMP	0.19	44	ĸa	8
09260350	TERMINAL, #16-14 #8 SPADE	0.06		RA	2
09261420	321524-1 TERMINAL, TEST 16-22 A	1.62	4		6
09261570	321527-1 TERMINAL, TEST	1.53		EA	23
09401140	ADAPTER, 4 INCH CARLON PLASTIC	2.61	4	EΆ	10
09409820	BUSHING, 4* PLASTIC, INSULATING	0.76	-	EĄ	. 3
09424920	CONDUIT, 4°, PVC, TYPE 40	1.34	70		94
09467930	LOCKNUT, 4 INCH, GALVANIZED	4.63		EA	
09602970	LAMP, HALOGEN, 10V, 25W	3.98	2		8
09844170	GROUND ROD, 5/8 INCH X 8 FEET	5.36		ŘΑ	
09846750	GRND.ROD COMN. 4WAY ONESHOT.	4.68	15		70
09908640	WIRE, #6 AWG.1 COND. COPPER, SOLID	0.13	375		49
09912200	WIRR #6 AWG 2 CND 500 ROLL SHIELD	1.23			1230
09913200	WIRE, 46, 5 COND 500 ROLL SHIBLDED	2.09	250		523
09915610	WIRE #6 ANG 1 COND COPPER, STRAN	0.38	250		95
09930550	MIRR #10 AWG 1 COND COPPER, STRAN	0.14			196
09932310	WIRE #10 AMG 1 COND COPPER, TWIST	0.31	320		• •
09946070	WIRE \$14 7 COND 1000 ROLL SHIELDE	1,02	2500		
09946100	WIRE \$14, 7 CND 500' ROLL SHIRLDE	1.04	250		
09960090	WIRE #16 AWG 1 COND COPPER, STRAN	0.08			60
09976180	WIRB,#22,TW,PR. BBLDBN #8761	0.07		LF	1
13547870	SHEET METAL SCREW, #10 X 1 INCH	0.50		BX	1
13552450	SHEET METAL SCREW, #12 X 3/4"	1,65	_	BX	5
13553150	SHEET METAL SCREW #12 X 1"	2.97			6
17061400	PADLOCK, SIGNAL, WITHOUT KBY, AMERIC	13.58	9	£Ά	
28033210	CARTON, 39 1/8"L X 23 1/4"W X 17	3.41	2	EA	7

FORM 30-1

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PROJ NO: 49525 A.W.O. NO: 46878 W.O. NO: B.1. NO: 04EN10 STATE: IL VAL SEC: 1121W

RAILROAD: UPRR CO. LOCATION: NOKOMIS, IL, NIORTH 20TH ST, PANA SUB. DEPARTMENT: ENGINEERING SERVICES

28033230 CARTON, 47 3/8"L X 39 1/2"W X 18" 28041880 PALLET, 48 X 40 INCH 2/WAY 9.19 4 RA 33 35040010 PLASTER OF PARIS, DENTAL GRADE 1.03 50 LB 52 39340220 SIGN, HIGHWAY CROSSING 50.00 2 RA 100 52001370 SURGE PROTECTOR SP20-2A TAE 585 68.07 3 EA 204 52003630 EXTENSION CORD - 12' 66.84 2 EA 52005690 BOND WIRE, 7 STRANDS 0.47 350 LP 165 52016830 MIRE DUCT, 2X3 8.44 21 BA 177 52016940 WIRB DUCT, 3X3 9.81 4 BA 39 52017510 WIRE DUCT COVER 2"X6" 1.84 21 EA 39 52017620 WIRE DUCT COVER 3"X6" 2,73 4 RA 11 52019530 ENCLOSURE, SHUNT, POLE MOUNTED. 24K2 145.63 3 BA 437 52019560 EQUALIZER, H.D. TAB 583 21 KA 189 52021550 POUNDATION, 4', STEEL, FOR PLSHR/GAT 195.22 2 BA 390 52025130 HOUSE, INSTRUMENT 4 X 4 X 8' HIGH 3194.68 1 BA 3195 52025240 HOUSE, 6X6, SIGNAL XING 4259.21] RA 4259 52027350 CLIP BOARD - FOR SIGNAL PRINTS 7.20 2 RA 14 14.50 1 KA 15 52027430 STBP BOX 5202B420 LIGHTNING ARRESTOR, CLR-COMM TAR 3 6.81 34 BA 232 52029780 LIGHTNING ARR, HD TAB 582 M/O BASE 9.63 8 EA 77 52030010 LIGHTNING ARRESTOR CONN.STRIP 4.04 6 BA 24 52039210 RECTIFIER, 20EC, 12V. TAB575 271.33 2 EA 513 52039390 RECTIFIER, 40EC, 12V. TAB577 375.39 375 1 BA 52040460 RESISTER, ADJ. 5 OHM, TAB 90 12.75 2 KA 26 52041200 RESISTANCE UNIT, ADJ. 10 OHM. TAB 9 23.40 1 RA 52042650 POST, MOUNTING, FOR SHUNT ROUSING 9.34 6 RA 56 52068650 TERMINAL, \$6 - 5 WIRE - RING TYPE 0.16 35 RA 52070010 TERMINAL, #12-10 WIRE, RING TONGUE 0.08 450 BA 36 52071600 TERMINAL, #20-16 WIRE, RING TOWRIE 300 EA 0.06 18 52072280 TERMINAL BLOCK, SIGNAL 2 POST BAK 2.25 71 EA 160 52072740 TERMINAL BLOCK, SIGNAL 12 POST 6 8.93 1 KA 9 52072960 TERMINAL BLOCK, SIGNAL 12 POST 6,34 4 EX 28 52074550 TEST LINK, INSULATED ASSEMBLY TAB 0.66 15 RA 10 52074660 SWITCH, MCKEEN TAB 82 13.90 1 BA 14 52079550 WIRE TAG, PLASTIC - WHITE 0.12 200 RA 24 52079560 MARKING PEN (FOR WHITE TAG) 1.95 2 BA 52108120 LED FL/GATE ASSY.2 WAY LIGHTS 7118.82 1 EA. 7119 52108220 LED-PL/GATE ASSY.2HMM1W45FLEFR 9064.80 1 KA 9065 52109370 DATE ARM, ADJ.16-32' 457.52 2 BA 915 52122140 HIGH WIND BRACKET 5"OR 4" 63.99 2 KA 128 52136470 SHRAR PIN, SK-1000-1 5,50 2 KA 11 52200300 BVENT ANALYZER RECORDER (SBARIII) 2112.00 1 EA 2112 52203840 DUMMY LOAD, 800 PT. TAB 644 39.01 52207150 GRD KING PREDICTR GCP 4000 6TK.MA 16263.64 2 EA 32527 52258850 NBS, TAB 642, 62775-3497 314.02 1 EA 314 52258980 NBS, TAB 640, 62775-8621 475.80 2 EA 952

PORM 30-1

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WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PROJ NO: 49525 A.W.O. NO: 46878 W.O. NO: B.I. NO: 04EN10 STATE: IL VAL SEC: 1121W

RAILROAD: UPRR CO.

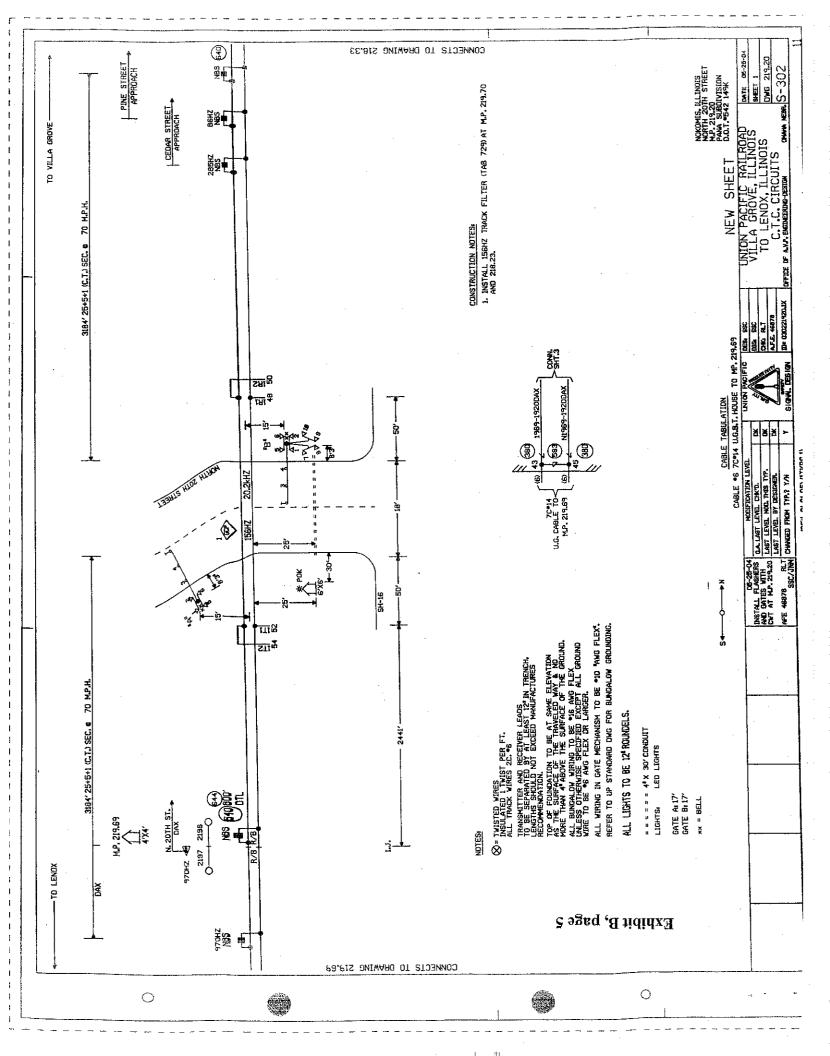
LOCATION: NOROMIS, IL, MORTH 20TH ST, PANA SUB.

DEPARTMENT: ENGINEERING SERVICES

52263600	SURGE ARRESTOR, METER LOOP.	28.36	2	RA	57
52264040	SURGE PANEL - TAB 618	197,95	1	EA	198
52264560	TRACK FILTER - TP 156	205.73	2	ΒA	411
52267200	TRANSCRIVER MODULE. FOR GCP 4000	3036.00	4	EA	12144
52276150	SS XING CONTROLLER MODULE FOR GCP	1716.00	2	ZA	3432
52278850	INTELLIGENT LIGHT OUT DETECTOR IL	382.04	2	RA	764
	POWER TAP MATERIAL	1000.00	2	RA	2000
53648010	insulating CAP & Shield Assy.	2.02	14	EA	28
53903460	EPD 120/240TOFL SURGE PROTECTOR	249.15	1	BA	249
	180429-000 BOOTLEG KIT	45.25	7	KA	317

TOTAL

93,774



DATE: 2005-03-24

ESTIMATE OF MATERIAL AND PORCE ACCOUNT WORK BY THE UNION PACIFIC RAILROAD

DESCRIPTION OF WORK:
INSTALL REMOTES (MP 216.41-217.42), LED PL SIGNALS W/GATES, AND CWT IN
NEW CABIN AT COUNTY ROAD IN NOKOMIS, IL. M.P. 216.93 ON THE PANA SUB.
SIGNAL PROJECT MANAGER: BOB THOMPSON 245-2587
RAILROAD TO PERFORM ALL WORK / COST DISTRIBUTED AS FOLLOWS:
SIGNAL - STATE OF ILLINOIS 904 - UPRR 104

PID: 47296 SERVICE UNIT: 04					DIV: 21 ATE: IL	6.93, PAN7	
DESCRIPTION	QTY	UNIT	LABOR	MATERIAL	RECOLL	UPRR	TOTAL
***************************************			~=			0 E W A A	
ENGINEERING WORK			4				
KNGINEERING			3449		3104	345 1362	3449
LABOR ADDITIVE 177.68%			13617 4215				
SIG-HWY XNG			-		3793	422	4215
TOTAL ENGINEERING			21281			2129	
SIGNAL WORK							
SIGNAL		•				12614	
Total signal						12614	
TRACK & SURPACE WORK							•
BILL PREP			900			90	
CONTRACT					10622	1114	
EARTH PILL/ROCK				2000	1000	200 8 624	2000
LABOR ADDITIVE 177.68%			86242				86242
METER SERVICE				2500			2500
Personal expenses						6018	
SALES TAX						788	
SIG-HWY XNG			48538		43684	4854	48538
TRANSPORTATION CHARGES				6307	5676	631 500	6307
WZ TRAPFIC CONTROL				5000	4500 34029	500	5000 37810
Contingencies						3781	
TOTAL TRACK & SURPACE		•	135680			26850	
•							
LABOR/MATERIAL EXPENS	E		156961	258956		******	
RECOLLECTIBLE/UPER RI	- Pense					41593	
ESTIMATED PROJECT COS							415917
rxisting rruskable Ma	TERLAL	CRED.	IT		. 0		
SALVAGE NONUSEABLE MA	TERIAL	CRED:	IT		0	•	
RECOLLECTIBLE LESS CR	edits						

THE ABOVE FIGURES ARE ESTIMATES ONLY AND SUBJECT TO PLUCTUATION. IN THE EVENT OF AN INCREASE OR DECREASE IN THE COST OR QUANTITY OF MATERIAL OR LABOR REQUIRED, UPRE WILL BILL FOR ACTUAL CONSTRUCTION COSTS AT THE CURRENT EFFECTIVE RATE.

FORM 30-1

WORK ORDER AUTHORIZATION-DETAIL OF RETIMATED EXPENDITURES

PAGE 04 MORE

PROJ NO: 47296 A.W.O. NO: 44181 W.O. NO: B.I. NO: 03EN10 STATE: IL VAL SEC: 1121W

RAILROAD: UPRR CO.

LOCATION: NOKOMIS, IL, CO RD, PANA SUB. DEPARTMENT: ENGINEERING SERVICES

STOCK MATERIAL PLAN -----

	*****		B. D. a. a. a.
ITEM ITEM	UNIT	ARRY 15	DIRECT
NUMBER DESCRIPTION	ÇQST	QTY U	
02040420 BATTERY, GNB, 75A9 OR 50AL3	169.22		
02040540 PATTERY ONE. 75A13 OF 50A19			
02040540 BATTERY, GNB, 75A13 OR 50A19 02040660 BATTERY, GNB, 75A23 OR 50A27 09010800 CABLE SPLICING KIT. N-2	299.22		
09010800 CABLE SPLICING KIT. N-2	24.47	2 R	A 49
09011030 CABLE TIE, NYLON 5/8" MAX. DIA.		200 E	
09011240 CABLE TIR. NYLON 1 1/8* MAX, DIR	4 0.02	400 B	
09011980 CABLE TIE, NYLON 3 1/2" MAX. DI	0.13	20 B	A 3 '
09014950 CIRCUIT BRKR, 120/240V 20A 2 POLE	14.67	1 8	A 15
09015690 CIRCUIT BREAKER, 120/240V 30A AC	5.99	4 n	A 6
09042860 POWER OFF LIGHT ASSY.	29.37	3 B	A 59
09054300 RELAY, TAB 669 KRP11DN12V. SW.HTR.	. 5.35		A 5
09054360 RELAY, GEN. PURPOSE 120V. TAB 856	5.87	3 B	A 18
09057650 SOCKET, P-B 27E122 TAB 836A & 856	1.96	4 6	A 6
09065700 TAPE, BLECTRICAL PLASTIC	2.77	6 R	L 17
09066900 TERMINAL, SPADE, 10-12 WIRE, #8 STU	0.12	18 B	
09137100 TERM.LUG 3/16 CABLE-1/4 POST 2413	0.49		
09215100 33466 TERMINAL, RING TONGUE AM	0.19	64 B	
09260350 TERMINAL, #16~14 #8 SPADE	0.06	35 B	_
09261420 321524-1 TERMINAL, TEST 16-22			
09261570 321527-1 TERMINAL, TEST			A 23
09401140 ADAPTER, 4 INCH CARLON PLASTIC	2.75		
09409820 BUSHING, 4" PLASTIC, INSULATING	0.76		-
09424920 CONDUIT, 4", PVC, TYPE 40	1.35		
09467930 LOCKNUT, 4 INCH, GALVANIZED	4.98		
09602970 LAMP, HALOGEN, 10V, 25W	4.11		
09844170 GROUND ROD, 5/8 INCH X 8 FEET		22 E	
09846750 GRND.ROD CONN. 4WAY CHESHOT. 09908640 MIRE,#6 AMG.1 COND.COPPER,SOLID	4.70 0.13		
09912200 WIRE #6 AWG 2 CND 500'ROLL SHIRL	0.13		
09913200 WIRE,#6, 5 COND 500 ROLL SHIELDE		250 L	
09915610 WIRE #6 AWG 1 COND COPPER, STRAI	N 0.38		
09930550 WIRE #10 ANG 1 COND COPPER, STRAI	N 0.14	1900 %	F 266
09932310 WIRE #10 ANG 1 COND COPPER, TWIS	r 0.31		
09946070 WIRE #14 7 COND 1000 ROLL SHIELD	R 1.02	8600 f	
09946100 WIRE #14, 7 CMD 500' ROLL SHIBLD	B 1.04	250 L	¥ 260
09960090 WIRE #16 AWG 1 COND COPPER, STRAI	N 0.08	1000 I	P 80
13060230 TOGGLE SPRING WING 3/8			
13547870 SHEET METAL SCREW, #10 X 1 INCH	0.41	3 E 1 E	X D
13552450 SHEET METAL SCREW,#12 X 3/4"		4 F	
13553150 SHRET METAL SCREW #12 X 1"	2.97	3 E	
			•

WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES

PROJ NO: 47296 A.W.O. NO: 44181 W.O. NO: B.I. NO: 03EN10 STATE: IL VAL SEC: 1121W

RAILROAD: UPRR CO. LOCATION: NOXOMIS, IL, CO RD, PANA SUB. DEPARTMENT: ENGINEERING SERVICES

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A STATE OF THE PARTY OF THE PAR			
17061400 PADLOCK, SIGNAL, WITHOUT KEY, AMERIC	13.80		
28033210 CARTON, 39 1/8"L X 23 1/4"W X 17	3.69	3 KA	11
28033230 CARTON, 47 3/8"L X 39 1/2"H X 18"	9.74	3 BA	29
28041880 PALLET, 48 X 40 INCH 2/WAY	8.48	6 BA	51
35040010 PLASTER OF PARIS, DENTAL GRADE	1,03		77
19340220 SIGN, HIGHWAY CROSSING	50.00	2 BA	100
52000450 SURGE PROTECTOR SP18-2A	109.99	2 EA	220
52001370 SURGE PROTECTOR SP20-2A TAB 585	67.82	3 EA	203
52003630 EXTENSION CORD - 12'	66.95	3 BA	201
52005690 BOND WIRE, 7 STRANUS		650 LF	306
52016830 WIRE DUCT, 2X3	8.44	27 EA	228
52016940 WIRE DUCT, 3X3	9.82	5 BA	49
52017510 WIRE DUCT COVER 2"X6"	1.84	27 RA	50
52017620 WIRE DUCT COVER 3ºX6	2.73	5 BA	14
52019530 ENCLOSURE, SHUNT, POLE MOUNTED. 24X2	149.71	5 RA	749
52019560 EQUALIZER, H.D. TAB 583	8.96	31 KA	27B
52021550 FOUNDATION, 4', STEEL, FOR FLSHR/GAT	195.42	2 EA	391
52025130 HOUSE, INSTRUMENT 4 X 4 X 8' HIGH	3203.15	2 EA	6406
52025240 HOUSE, 6X6, SIGNAL XING	4265.82	i ea	4266
52027350 CLIP BOARD - FOR SIGNAL PRINTS	7.22	3 EA	22
52027430 STBP BOX	14.50	1 BA	15
52028420 LIGHTNING ARRESTOR, CLR-COMM TAB 3	6.79	40 EA	272
52029780 LIGHTNING ARR, HD TAB 582 W/O BASE	9.59	16 RA	153
52030010 LIGHTNING ARRESTOR COMM.STRIP	4.02	6 RA	24
52039210 RECTIFIER, 20EC, 12V. TAH575	271.32	3 KA	814
52039390 RECTIFIER, 40EC, 12V. TAB577	375.37	1 RA 8 RA	375
52040400 RESISTOR, ADJ.0.63 OHM TAB91	24.09	8 BA	193
52040460 RESISTER, ADJ. 5 OHN, TAB 90	12.75	3 EA	38
52041200 RESISTANCE UNIT, ADJ.10 OHM. TAE 9	23.32	1 RA	23
52042650 POST, MOUNTING, FOR SHUNT HOUSING		10 RA	94
52068650 TERMINAL, #6 - 5 WIRE - RING TYPE	0.16	40 RA	6
52070010 TERMINAL, #12-10 WIRE, RING TONGUE		600 EA	4B
52071600 TERMINAL, \$20-16 WIRE, RING TONGUE		450 BA	27
52072280 TERMINAL BLOCK, SIGNAL 2 POST BAK	2.25	97 RA	218
52072510 TERMINAL BLOCK, SIGNAL 3 POST TRET	6.11	3 RA	18
52072740 TERMINAL BLOCK, SIGNAL 12 POST 6	8.94	1 RA	9
52072960 TERMINAL BLOCK, SIGNAL 12 POST	6,93	4 EA	
52074550 TEST LINK, INSULATED ASSEMBLY TAB	0.66	15 RA	
52079550 WIRE TAG, PLASTIC - WHITE	0.12		
52079560 MARKING PEN (FOR WHITE TAG)	1.95	3. KV	6
52092200 CRTU. W/CELLEMTRY TRANSCRIVER	1693.91	1 KA	
52108120 LED PL/GATE ASSY.2 WAY LIGHTS	7195.90	1 RA	7196
52108220 LED-PL/CATE ASSY. 2WMM1W45FLLPR	9064.80	1 BA	9065
52109370 GATE ARM, ADJ.16-32'	471.35		
52122140 HIGH WIND BRACKET 5"OR 4"	53,99	2 KA	128
52136470 SHEAR PIN, SK-1000-1	5.50	2 BA	11

FORM 30-1 WORK ORDER AUTHORIZATION-DETAIL OF ESTIMATED EXPENDITURES PAGE 06 MORE

PROJ NO: 47296 A.W.O. NO: 44161 N.O. NO: B.I. NO: 03BN10

STATE: IL

VAL SEC: 1121W

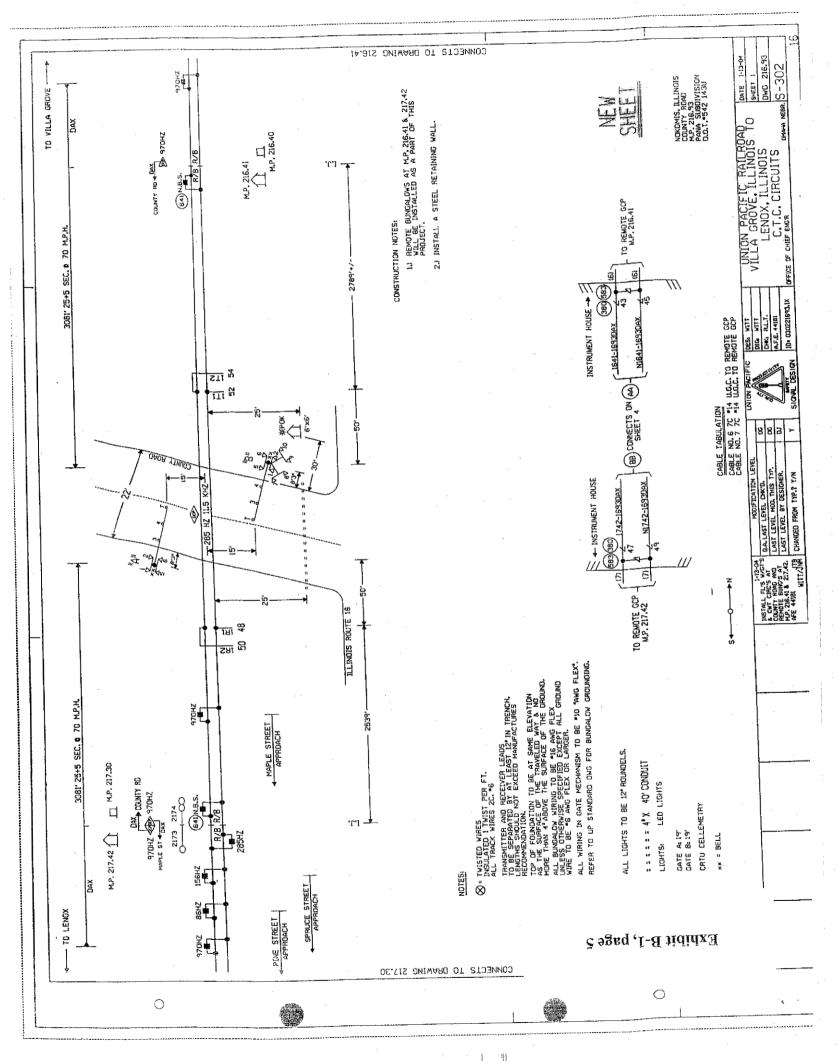
RAILROAD: UPRR CO. LOCATION: NOKOMIS, IL, CO RD, PANA SUB.

DEPARTMENT: ENGINEERING SERVICES

52200300 EVENT ANALYZER RECORDER (SEARIII) 6398 52207150 GRD XING PREDICTR GCP 4600 6TK.MA 16174.39 48523 380.21 52258590 NBS, TAB 641, 62775-1543 2 EA 760 52258850 NBS, TAB 642, 62775-3497 312.31 3 RA 937 52263600 SURGE ARRESTOR, METER LOOP. 28.39 3 BA 85 52263690 SURGE PANEL - TAB 619 131.55 1 BA 1,32 52264040 SURGE PANEL - TAB 618 197.45 3 BA 592 52267200 TRANSCRIVER MODULE. FOR GCP 4000 3035.74 4 BA 12143 52276150 68 KING CONTROLLER MODULE FOR GCP 1708.37 1 EA 1708 52278850 INTELLIGENT LIGHT OUT DETECTOR IL 380.38 1 EA 380 53648010 INSULATING CAP & SHIELD ASSY. 24 BA 2,02 48 53903460 BPD 120/240TDPL SURGE PROTECTOR 249.88 1 BA 250 53954500 180429-000 BOOTLEG RIT 45.74 13 EA 595

TOTAL

126,146



ILLINOIS COMMERCE COMMISSION TRANSPORTATION DIVISION / RAIL SAFETY SECTION

PROJECT STATUS REPORT:

TYPE: (CHEC	K ONE)	
PROGRESS	3 1	
COMPLETI	NC */NC	DATE
556 IEGT II	IFORMATION.	
	IFORMATION:	
Reporting P		
Docket/Orde		
Status Repo		
	mpletion Date:	
	Report Due ¹ :	740 440 (4 - 11 - 14 040 00 CO F40 440 L - 12 - 14 040 00 CO
AAR/DOT#		542 149K, milepost 219.20-CC;542 143U, milepost 216.93-CC
	ear) City, County:	
Railroad Co	mpany:	Union Pacific Railroad Company
¹ Completion repo	orts involving changes t	to the railroad crossing must include an updated USDOT Inventory Form.
		DHAATIONI ² .
	IANAGER INFOR	RMATION:
Name:		
Title:		
Representir	. · · · · · · · · · · · · · · · · · · ·	
Street Addr		
City, State,		
Office Phor	ie:	
Office Fax:		
Cellular Pho		
E-Mail Add		
*Project Manage	r Information to be sub	mitted by Railroad Company
DESCRIPTION	ON OF IMPROVE	EMENT(S) ORDERED:
(a)	Installation of autom	natic flashing light signals and gates controlled by constant warning
` '	time circuitry, a new	signal control cabinet, and equipped with an event recorder system
0.5	at the North 20 th Str	eet crossing.
(b)	installation of autom	natic flashing light signals and gates controlled by constant warning signal control cabinet, and equipped with an event recorder system
	at the North 23 rd Str	eet crossing.
(c)	Installation of temporary	orary STOP signs at the North 20 th Street and the North 23 rd Street
		days of a Commission Order for the installation of new automatic
7-10	warning devices.	
(d)		nce warning signs between the crossing and Illinois Route 16 at the N 3 rd Street crossings within 30 days of a Commission Order.
(e)	Renair of the existin	ng surfaces at the N. 20 th Street and N. 23 rd Street crossings to meet the
(0)		ents of 92 III. Adm. Code 1535.203
STATUS OF		

STIPULATED AGREEMENT NO. $\underline{ 1124}$ EXHIBIT $\underline{\mathbf{C}}$